

HAER  
ALA  
37-BIRM,  
49B-

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### HISTORIC AMERICAN ENGINEERING RECORD

Stockham Pipe & Fittings Company,  
Ductile Iron Foundry  
Birmingham Industrial District  
4000 10th Avenue North  
Birmingham  
Jefferson County  
Alabama

HAER No. AL-49-B

NOTE: Photographs were taken by Jet Lowe, Fall, 1993.

- AL-49-B-1      INTERIOR VIEW WITH STORAGE BINS FOR COLLECTING METAL SHAVINGS FROM THE TAPPING MACHINES AS THEY CUT SCREW THREADS INTO PIPE FITTINGS. SHAVINGS TRAVEL ON CONVEYORS UNDER THE PLATFORM, ARE THEN ELEVATED TO SMALL LEVER-RELEASED BINS, WHICH HOLD SCRAP WHILE THE LARGER BINS ARE BEING EMPTIED.
- AL-49-B-2      INTERIOR VIEW WITH LARGE, COMPLETED VALVE-MOLD BEING TRANSPORTED BY THE "BOX FLOOR" OVERHEAD RAIL CRANE TO THE POURING AREA. (THE BOX FLOOR AREA IS WHERE THE COMPANY PREPARES MOLDS TOO LARGE TO BE MADE ON MOLDING MACHINES OR POURED ON THE CONVEYOR).
- AL-49-B-3      INTERIOR VIEW, PREPARING LARGE MOLD IN BOX FLOOR AREA. WORKERS JUST FILLED THE FLASK WITH SAND FROM A HIGH VELOCITY MECHANICAL SAND THRUSTER.
- AL-49-B-4      INTERIOR VIEW, SETTING LARGE CORE WITH ASSISTANCE FROM THE OVERHEAD RAIL CRANE IN BOX FLOOR MOLD AREA (WORKERS: DAN T. WELLS AND TRUMAN CARLISLE).
- AL-49-B-5      INTERIOR VIEW WITH CORE SET IN MOLD HALF IN BOX FLOOR AREA. AWAITING OTHER MOLD HALF TO BE PLACED ON TOP.
- AL-49-B-6      PNEUMATICALLY CLEANING TOP HALF OF LARGE MOLD IN BOX FLOOR AREA TO REMOVE ANY EXCESS OR LOOSE SAND.
- AL-49-B-7      INTERIOR VIEW WITH MOLD BEING CLEANED AND INSPECTED.